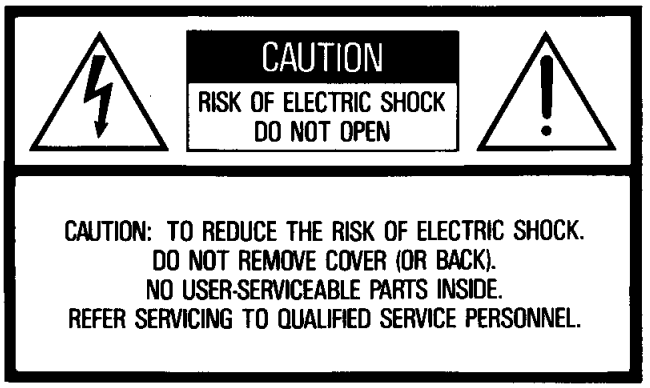
Clavinova

CLP-500

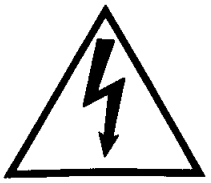
Owner's Manual
Bedienungsanleitung
Mode d'emploi
Manual de instrucciones

YAMAHA


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK.
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Explanation of Graphical Symbols

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFETY AND INSTALLATION INSTRUCTIONS

INFORMATION RELATING TO POSSIBLE PERSONAL INJURY, ELECTRIC SHOCK, AND FIRE HAZARD POSSIBILITIES HAS BEEN INCLUDED IN THIS LIST.

WARNING—When using electronic products, basic precautions should always be followed, including the following:

1. Real all Safety and Installation Instructions, Explanation of Graphical Symbols, and assembly instructions (where applicable) BEFORE using your Yamaha electronic product. Check unit weight specifications before you attempt to move this instrument!

2. Main Power Supply Verification: Your Yamaha electronic product has been manufactured specifically for the main supply voltage used in your area. If you should move, or if any doubt exists, please contact your dealer for instructions. The main supply voltage required by your electronic product is printed on the name plate. For name plate location, see Before Playing item.

3. This product may be equipped with a polarized line plug (one blade wider than the other). If you are unable to insert the plug into the outlet, contact an electrician to have your obsolete outlet replaced. Do NOT defeat the safety purpose of the plug. Yamaha products not having polarized plugs incorporate construction methods and designs that do not require line plug polarization.

4. **WARNING**—Do NOT place objects on your electronic product's power cord or place the unit in a position where anyone could trip over, walk over, or roll anything over cords of any kind. Do NOT allow your electronic product or its bench to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.

5. Environment: Your electronic product should be installed away from heat sources such as a radiator, heat registers and/or other products that produce heat. Additionally, the unit should not be located in a position that exposes the cabinet to direct sunlight, or air currents having high humidity or heat levels.

6. Your Yamaha electronic product should be placed so that its location or position does not interfere with its proper ventilation.

7. Some Yamaha electronic products may have benches that are either a part of the product or supplied as an optional accessory. Some of these benches are designed to be dealer assembled. Please make sure that the bench is stable before using it. The bench supplied by Yamaha was designed for seating only. No other uses are recommended.

8. Some Yamaha electronic products can be made to operate with or without the side panels or other components that constitute a stand. These products should be used only with the components supplied or a cart or stand that is recommended by the manufacturer.

9. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

10. Do not use your Yamaha electronic product near water or in wet environments. For example, near a swimming pool, spa, or in a wet basement.

11. Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.

12. Your Yamaha electronic product should be serviced by a qualified service person when:
a. The power-supply cord or plug has been damaged: or
b. Objects have fallen, or liquid has been spilled into the product: or
c. The product has been exposed to rain: or
d. The product does not operate, exhibits a marked change in performance: or
e. The product has been dropped, or the enclosure of the product has been damaged.

13. When not in use, always turn your Yamaha electronic product "OFF". The power-supply cord of the product should be unplugged from the outlet when it is to be left unused for a long period of time. Notes: In this case, some units may lose some user programmed data. Factory programmed memories will not be affected.

14. Do not attempt to service the product beyond that described in the user-maintenance instructions. All other servicing should be referred to qualified service personnel.

15. Electromagnetic Interference (RFI). This series of Yamaha electronic products utilizes digital (high frequency pulse) technology that may adversely affect Radio/TV reception or the operation of other devices that utilize digital technology. Please read FCC Information (Page 16) for additional information.

PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE!

Introduction

We would like to express our thanks for your purchase of the Yamaha Clavinova CLP-500. This instrument has the following features.

- YAMAHA's exclusive AWM (Advanced Wave Memory) tone generation, which performs digital processing based on sampling of the various nuances of an acoustic piano, creates a timbre extremely close to that of an acoustic piano, resulting in a high-quality piano sound.
- Fine changes in timbre and volume are available by varying the force used to strike the keys, thus enabling the performer to create music with a wide range of expression.
- MIDI for increased versatility and enjoyment.
- A three-way speaker system delivers superb sound quality.

In order to get the most from this instrument, we advise you to read this manual while actually seated at the Clavinova.

Contents

Assembly Instructions 2
Before Playing 4
To Start Playing 4
Effects and Controls 4
Accessory Jacks 5
Taking Care of Your Clavinova 5
Important Advice 5
How to use MIDI 6
Specifications 16
FCC Information (USA) 16
MIDI Implementation Chart 17

Einleitung

Herzlichen Glückwunsch zum Kauf des Yamaha Clavinova CLP-500. Dieses Musikinstrument hat die folgenden Merkmale.

- Das exklusiv von Yamaha entwickelte Tonerzeugungssystem AWM (Advanced Wave Memory) führt digitale Tonsignalverarbeitung durch, basierend auf einem Sampling der verschiedenen Nuancen eines akustischen Pianos, und erzeugt qualitativ hochwertigen Piano-Klang.
- Feine Änderungen in Timbre und Lautstärke können durch Änderung der Anschlagsstärke erzielt werden, so daß Musik mit einer großen Ausdrucksbreite gespielt werden kann.
- MIDI für größere Vielseitigkeit und mehr Spielfreude.
- Dank der Verwendung eines 3-Weg Lautsprechersystems wird eine ausgezeichnete Klangqualität ermöglicht.

Um das Musikinstrument voll auszunutzen, empfehlen wir, diese Anleitung durchzulesen, während Sie schon am Clavinova sitzen.

Inhaltsverzeichnis

Zusammenbauanleitung 2
Vor dem Spielen 7
Beginn des Spielens 7
Effekte und Bedienungselemente 7
Anschlußbuchsen für Zubehör 8
Pflege des Clavinova 8
Wichtiger Hinweis 8
Einsatz von MIDI 9
Technische Daten 16
MIDI-Anwendungstabelle 17

Avant-propos

Nous voudrions tout d'abord vous remercier d'avoir porté votre choix sur le Clavinova Yamaha CLP-500. Cet instrument présente les caractéristiques suivantes.

- Le générateur de tonalité AWM (mémoire ondulatoire avancée), une exclusivité Yamaha, qui procède au traitement numérique en se basant sur un échantillonnage des différentes nuances d'un piano acoustique, crée un timbre très proche de celui d'un piano acoustique, ce qui assure une plus grande qualité sonore.
- Il est possible de procéder à des modifications minimes du timbre et de l'intensité sonore en fonction de la pression exercée sur les touches. Par conséquent, ceci permet à l'utilisateur de créer des mélodies à large éventail d'expressions.
- Une interface MIDI a été prévue pour élargir les possibilités de l'instrument et pour encore plus d'amusement.
- Grâce à l'utilisation du système de haut-parleurs à 3 voies, une qualité sonore supérieure peut être obtenue.

Pour obtenir la plus entière satisfaction de cet instrument, nous vous conseillons de lire attentivement ce mode d'emploi tout en vous familiarisant avec l'instrument.

Sommaire

Instructions d'assemblage 2
Avant la mise en service 10
Mise en service 10
Effets et commandes 10
Prises auxiliaires 11
Entretien du Clavinova 11
Consignes importantes 11
Utilisation de l'interface MIDI 12
Spécifications 16
Tableau de mise en exploitation MIDI 17

Introducción

Muchas gracias por haber adquirido el Clavinova CLP-500 Yamaha. Este instrumento posee las características siguientes.

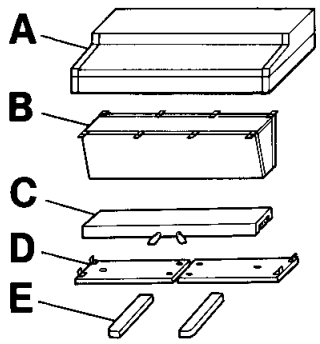
- Generación de tonos mediante AWM (memoria avanzada de ondas) exclusiva de YAMAHA, que realiza proceso digital basado en el muestreo de diversos matices de un piano acústico, y crea un timbre extremadamente cercano al de un piano acústico, lo que resulta en un sonido de piano de gran calidad.
- Variando la fuerza empleada para pulsar las teclas podrán realizarse delicados cambios de timbre y volumen, con lo que el usuario podrá crear música con una amplia gama de expresión.
- MIDI para aumentar la versatilidad y el placer musical.
- Gracias al uso de un sistema de tres vías, se obtiene una alta calidad de sonida.

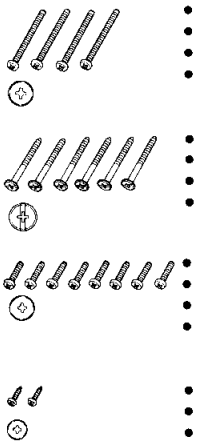
Para sacar el mayor partido posible de este instrumento, le aconsejamos que lea este manual sentado ante su Clavinova.

Indice

Instrucciones de montaje 2
Antes de comenzar a tocar 13
Para comenzar a tocar 13
Efectos y controles 13
Tomas para accesorios 14
Cuidado de su Clavinova 14
Aviso importante 14
Empleo de MIDI 15
Especificaciones 16
Gráfica de implementación de MIDI 17

1





- Long screws (gold) 4 pcs.
- Lange Schrauben (Gold) 4 St.
- Vis longues (or), 4 pièces
- Tornillos largos (dorados), 4 piezas

- Long screws (bronze) 6 pcs.
- Lange Schrauben (Bronze) 6 St.
- Vis longues (bronze), 6 pièces
- Tornillos largos (de color bronce), 6 piezas

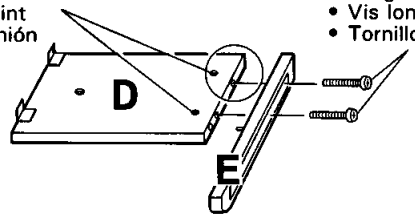
- Long screws (black) 8 pcs.
- Lange schrauben (schwarz) 8 St.
- Vis longues (noires), 8 pièces
- Tornillos largos (negros) 8 piezas

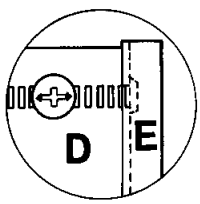
- Short screws (black) 2 pcs.
- Kurze Schrauben (schwarz) 2 St.
- Vis courtes (noires), 2 pièces
- Tornillos cortos (negros), 2 piezas

2

- Joint connectors
- Verbindungsstücke
- Connecteurs de joint
- Connectores de unión

- Long screws (gold)
- Lange Schrauben (Gold)
- Vis longues (or)
- Tornillos largos (dorados)





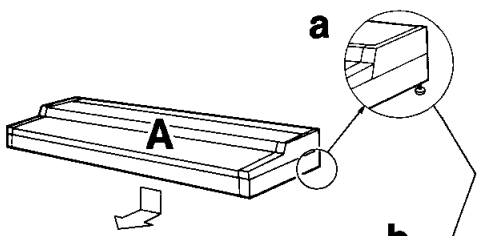
- As shown in the above diagram, the side panels (D) have a joint connector, Make sure that the arrow on the rear of the connector is pointing in the direction shown in the diagram.

- Wie die obige Abbildung zeigt, besitzen die Seitenteile (D) einen Verbindungszapfen. Achten Sie beim Anmontieren darauf, daß der Pfeil auf der Rückseite des Zapfens entsprechend der Abbildung ausgerichtet ist.

- Comme indiqué dans le diagramme ci-dessus, les panneaux latéraux (D) possèdent un connecteur de jonction. S'assurer que la flèche à l'arrière du connecteur est tournée dans la direction indiquée dans le diagramme.

- Como lo muestra el diagrama de arriba, los paneles laterales (D) poseen un conector de junta. Asegúrese de que la flecha en la parte trasera del conector apunte en la dirección del diagrama.

3



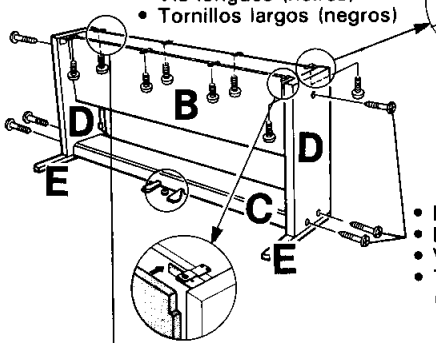
- The screws (a) protruding from the underside of the keyboard (A) slide into the slotted metal fittings (b) on the top of the side panels (D) to hold the keyboard (A).

- Die von der Unterseite des Keyboards (A) vorstehenden Schrauben (a) werden in die Metallklauen (B) auf den Seitenteilen (D) eingeschoben, um das Keyboard (A) zu befestigen.

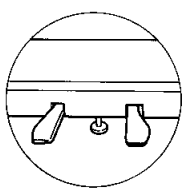
- Les vis (a) sortant du dessous du clavier (A) coulissent dans les pièces de métal à rainures (b) sur le dessus des panneaux latéraux (D) pour maintenir le clavier (A).

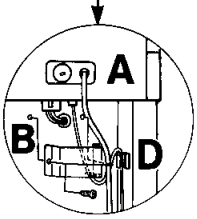
- Los tornillos (a) que sobresalen de la base del teclado (A) se deslizan por los herrajes (b) ubicados sobre los paneles laterales (D) para sostener al teclado (A).

- Long screws (black)
- Kurze Lange (schwarz)
- Vis longues (noires)
- Tornillos largos (negros)



- Long screws (bronze)
- Lange Schrauben (Bronze)
- Vis longues (bronze)
- Tornillos largos (de color bronce)





Speaker (B) rear panel
As shown in the diagram, connect the white (speaker) and black (pedal) cords to their corresponding connectors on the keyboard rear panel, then attach the coard cover.

Rückseite des Lautsprechers (B)
Verbinden Sie der Abbildung gemäß das weiße (Lautsprecher) und das schwarze (Pedal) Kabel mit den entsprechenden Anschlüssen auf der Rückseite des Keyboards. Bringen Sie danach die Kabelabdeckung an.

Panneau arrière du haut-parleur (B).
Comme indiqué dans le diagramme, raccorder les cordons blanc (haut-parleur) et noir (pédale) sur leur connecteur respectif, sur le panneau arrière du clavier, puis fixer le couvercle des cordons.

Panel trasero del altavoz (B)
Como lo muestra el diagrama, conecte los cables blanco (altavoz) y negro (pedal) a sus conectores correspondientes en el panel trasero del teclado, y conecte luego el cable de alimentación.

---

1 **Open the box and take out all parts.**
The box contains all the parts shown in the diagram to the left. Please check to make sure that all the parts are provided.

2 **Attach the stand pieces (E) to the side panels (D).**
As shown in the diagram to the left, the stand pieces (E) are secured by 2 long gold-colored screws each.
Make sure the rounded corner of each stand pieces (E) is oriented as shown in the diagram.

3 **Attach the side panels (D) to the pedal box (C).**
(1) The pedal cord and cord cover are located inside the pedal box (C), remove these before continuing.
(2) Attach the side panels (D) to the pedal box (C). The side panels (D) are secured to the pedal box (C) using 4 long bronze-colored screws.

---

1 **Den Versandkarton öffnen und alle Teile entnehmen.**
Überprüfen Sie, ob alle in der linken Abbildung gezeigten Teile vorhanden sind.

2 **Die Füsse (E) an den Seitenteilen (D) anbringen.**
Wie die Abbildung links zeigt, sind die Füsse (E) mit den zwei langen, goldfarbenen Schrauben anzumontieren. Achten Sie darauf, daß die abgerundeten Ecken der Füsse (E) entsprechend der Abbildung ausgerichtet sind.

3 **Die Seitenteile (D) mit dem Pedalkasten (C) verschrauben.**
(1) Das Pedalkabel und die Kabelabdeckung befinden sich im Pedalkasten (C). Entfernen Sie diese zunächst.
(2) Schrauben Sie die Seitenteile (D) am Pedalkasten (C) an. Verwenden Sie dazu die 4 langen, Bronze Schrauben.

---

1 **Ouvrir la boîte et retirer toutes les pièces.**
La boîte contient toutes les pièces indiquées dans le diagramme de gauche. S'assurer que toutes les pièces sont fournies.

2 **Fixer les pièces du support (E) sur les panneaux latéraux (D).**
Comme indiqué dans le diagramme de gauche, les pièces du support (E) sont chacune fixées par 2 longues vis dorées. S'assurer que le coin arrondi de chaque pièce du support (E) est orienté comme indiqué dans le diagramme.

3 **Fixer les panneaux latéraux (D) sur la boîte du pédalier (C).**
(1) Le cordon de la pédale et le couvercle des cordons se trouvent dans la boîte du pédalier (C). Les retirer avant de continuer.

---

1 **Abra la caja y extraiga todas las partes.**
La caja debe contener las partes mostradas en el diagrama de la izquierda. Confirme que estén todas.

2 **Fije las patas (E) a los paneles laterales (D).**
Como se aprecia en el diagrama de la izquierda, las patas (E) se aseguran con 2 tornillos dorados largos cada una. Confirme que el extremo redondeado de cada pata (E) quede orientado como en el diagrama.

3 **Fije los paneles laterales (D) al Caja de pedale (C).**
(1) El cable del pedal y su cubierta se encuentran dentro del Caja de pedale (C). Extráigalos antes de continuar.
(2) Fije los paneles laterales (D) al Caja de pedale (C). Los paneles laterales (D) se aseguran al

4 **Attach the speaker (B) between side panels (D).**
(1) Remove the grille from the speaker (B).
(2) Secure the speaker (B) to the side panels (D) using 2 long bronze-colored screws.

5 **Slide in the keyboard (A).**
(1) Place the keyboard (A) on top of the side panels (D) so that the screw (a) protruding from the underside of the keyboard (A) are just to the rear of the slotted metal fittings (b) located at the top of the side panels (D). Then slide the entire keyboard (A) forward until the screws (a) firmly engage with the slotted metal fittings (b). Screw the 8 long black screws into the base of the keyboard (A) via the eight metal fittings protruding from the top of the speaker (B), thus securing the keyboard (A) to the base.
(2) Attach the grille to the speaker (B). Make sure the cutout corners of the speaker grille face upwards.

6 **Plug connections.**
Connect the pedal cord to the cord holder, and connect the black plug (pedal cord) to the corresponding connector on the rear of the keyboard (A). Also connec the white plug protruding from the rear of the speaker (B) to the corresponding connector on the rear of the keyboard (A), Then attach the cord cover over the cords using the 2 short black screws.

An adjuster is provided on the bottom part of pedal box (C) to provide stability. Loosen the adjuster bolt so it will contact the floor. This will ensure that the pedal box remains stable when pushing down the pedals with your feet, thus enabling more precise pedal control.

** To make sure that all connections have been made properly, check each screw and knob bolt once again for secure fit.*

4 **Den Laustprecher (B) an den Seitenteilen (D) anmontieren.**
(1) Entfernen Sie den Grill vom Laustprecher (B).
(2) Befestigen Sie den Lautsprecher (B) mit den zwei langen, Bronzeschrauben an den Seitenteilen (D).

5 **Das Keyboard (A) aufschieben.**
(1) Plazieren Sie das Keyboard (A) auf die Seitenteile (D) und richten Sie es aus, um die unten vorstehenden Schrauben (a) des Keyboards (A) an den Metallklauen (b) auf den Seitenteilen (D) anzusetzen. Schieben Sie dann das Keyboard (A) bis zum Anschlag nach vorne. Die Schrauben (a) sollten nun in den Klauen (b) sitzen. Stecken Sie danach die 8 langen, schwarzen Schrauben durch die acht, Metallscheiben auf dem Lautsprecher und drehen Sie sie in die Unterseite des Keyboards (A) hinein, um das Keyboard am Ständer zu befestigen.
(2) Bringen Sie den Grill am Lautsprecher (B) an. Achten Sie dabei darauf, daß die ausgeschnittenen Ecken des Lautsprechers nach oben weisen.

6 **Anschlüsse.**
Führen Sie das Pedalkabel in den Kabelhalter ein und schließen Sie den schwarzen Stecker (Pedalkabel) an die entsprechende Buchse auf der Rückseite des Keyboards (A) an. Verbinden Sie ebenso den weißen Steckverbinder auf der Rückseite des Lautsprechers (B) mit dem entsprechenden Anschluß auf der Rückseite des Keyboards (A). Setzen Sie dann die Kabelabdeckung auf die Kabel auf und befestigen Sie sie mit den zwei Schrauben.

Ein Einsteller ist am Boden des Pedalkastens (C) vorhanden, um stabilen Stand zu gewährleisten. Die Einstellschraube so herausdrehen, daß sie den Boden berührt. Dadurch steht der Pedalkasten fest, wenn die Pedale mit den Füssen gedrückt werden, und genauere Kontrolle der Pedale ist möglich.

** Um zu gewährleisten, daß alle Verbindungen richtig hergestellt worden sind, jede Schraube und jeden Knopf erneut im Hinblick auf festen Sitz überprüfen.*

(2) Fixer les panneaux latéraux (D) sur la boîte du pédalier (C). Les panneaux latéraux (D) se fixent sur la boîte du pédalier (C) en utilisant les 4 longues vis bronze.

4 **Fixer le haut-parleur (B) entre les panneaux latéraux (D).**
(1) Retirer la grille du haut-parleur (B).
(2) Fixer le haut-parleur (B) sur les panneaux latéraux (D) en utilisant les 2 longues vis bronze.

5 **Coulisser le clavier (A).**
(1) Placer le clavier (A) sur le dessus des panneaux latéraux (D) pour que les vis (a) sortant du dessous du clavier (A) soient juste à l'arrière des pièces de métal à rainures (b) situées sur le dessus des panneaux latéraux (D). Coulisser ensuite le clavier (A) vers l'avant jusqu'à ce que les vis (a) s'engagent fermement dans les pièces de métal à rainures (b). Visser les 8 longues vis noires dans la base du clavier (A) via les huit pièces de métal sortant du dessus du haut-parleur, ce qui fixe le clavier sur la base.
(2) Fixer la grille sur le haut-parleur (B). S'assurer que les coins coupés de la grille du haut-parleur sont dirigés vers le haut.

6 **Connexions des prises.**
Raccorder le cordon de la pédale sur le porte-cordon et raccorder la prise noire (cordon de pédale) sur le connecteur correspondant sur l'arrière du clavier (A). Connecter aussi la prise blanche sortant de l'arrière du haut-parleur (B) sur le connecteur correspondant à l'arrière du clavier (A). Fixer ensuite le couvercle des cordons sur les cordons en utilisant les 2 vis noires courtes.

Un dispositif de réglage est fourni au-dessous du pédalier (C) pour la stabilité. Desserrer le boulon de réglage de sorte qu'il touche le sol. Ceci assurera la stabilité du pédalier lorsqu'on appuie sur les pédales avec le pied, ce qui permet de contrôler les pédales de façon plus précise.

** Pour s'assurer que toutes les connexions ont été correctement effectuées, vérifier à nouvean que chaque vis et boulon à tête pleine soit fermement en place.*

Caja de pedale (C) con 4 tornillos largos de color bronce.

4 **Monte el altavoz (B) entre los paneles laterales (D).**
(1) Quite la rejilla del altavoz (B).
(2) Fije el altavoz (B) a los paneles laterales (D) con 2 tornillos largos de color bronce.

5 **Monte el teclado (A).**
(1) Ubique el teclado (A) sobre el altavoz (B) de modo que los tornillos (a) que sobresalen de la base del teclado (A) queden justo detrás de los herrajes (b) ubicados sobre los paneles laterales (D). Luego, deslice el teclado (A) hacia adelante hasta que los tornillos (a) encajen firmemente en los herrajes (b). Atornille los 8 tornillos largos negros a la base del teclado, pasándolos por los ocho herrajes que sobresalen de la parte superior del altavoz.
(2) Fije la rejilla al altavoz (B). Asegúrese de que las esquinas recortadas de la rejilla del altavoz queden hacia arriba.

6 **Efectúe las conexiones.**
Conecte el cable de pedal al soporte de cable, y la clavija negra (cable de pedal) al conector correspondiente en la parte trasera del teclado (A). Conecte también la clavija blanca que sobresale de la parte trasera del altavoz (B) al conector correspondiente en la parte trasera del teclado (A). Luego, fije la cubierta de cables sobre los mismos empleando los 2 tornillos cortos negros.

En la parte inferior de la caja de pedales (C) existe un ajustador para regular la estabilidad. Afloje el perno ajustador hasta que entre en contacto con el suelo. Esto asegurará la estabilidad de la caja de pedales al pisar éstos con los pies, con lo que se logrará un control más preciso de los pedales.

** Para asegurarse de que todas las conexiones sean correctas, vuelva a comprobar si todos los tornillos y pernos de perilla están firmemente apretados.*

BEFORE PLAYING

• Check for correct power voltage.
The main Power Voltage is indicated on the name plate on the back of the Clavinova. In some market areas, a voltage selector may be included. This will be located on the bottom of the Clavinova. Your Clavinova has been set for the voltage in your area. Consult a qualified technician if any doubt exists or a change is required.

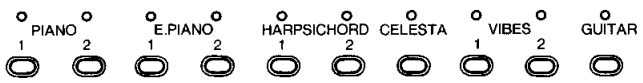
TO START PLAYING

First of all, make sure that the plug is firmly inserted in the wall power outlet, then:

1. Turn the POWER on.

2. Adjust the MASTER VOLUME control.

3. Select the desired voice.



4. Start playing.
It is possible to play as many as 16 notes at the same time.

• Initial Touch Control
Your Clavinova has the ability to respond to the touch you use while playing, making possible subtle variations in both tone and timbre. The amount of variation will differ from voice to voice.

*When you play the keyboard strongly, please adjust the volume to a suitable level.

EFFECTS AND CONTROLS

• Brilliance
This slide control adjusts the tonal quality of the sound. When set to the center position the "normal" tone is produced. As the BRILLIANCE control is moved toward the MELLOW setting the high frequencies are reduced, creating a softer, more mellow tone. As it is moved toward the BRILLIANT setting the high frequencies are emphasised, creating a brighter, sharper tone.

• Tremolo
When this button is pressed a gentle swirling effect is added to the sound.

• Ensemble
Pressing this button produces a lively "shimmering" effect that adds depth to the sound.

• Chorus
When the CHORUS button is pressed a slow variation in the tonal quality of the sound provides a sense of spaciousness.

• Effects of Using the Pedals
There are three different kinds of effects that can be obtained by using the pedals, namely DAMPER, SOFT and SOSTENUTO. The right pedal controls the DAMPER effect, while the left pedal is used for either SOFT or SOSTENUTO.

•Damper
Pressing the stand's right pedal causes the sound to continue when the key is released, much like an acoustic piano.

•SOFT
Pressing the stand's left pedal softens the sound.

•SOSTENUTO (This effect is obtained by switching the SOFT pedal.)
When the SOSTENUTO pedal is pressed, its effect is applied only to notes of keys that are already being pressed, providing a resonance similar to the DAMPER effect. Depending on the music you are playing, you can switch between the two effects of the left pedal in the following way.

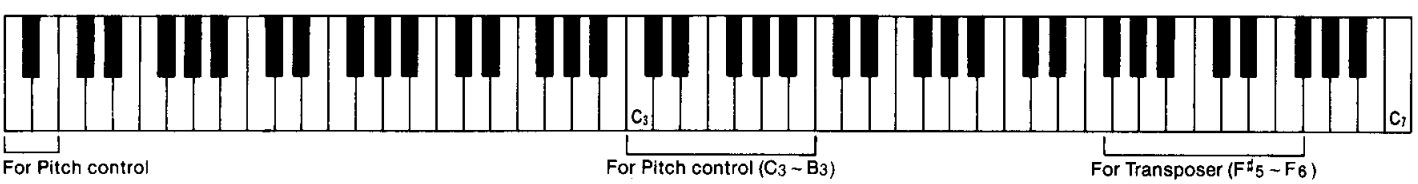
Switching between SOFT and SOSTENUTO

Press and hold down the TRANSPOSER/MIDI button, then step on the stand's left pedal connected to the SOFT/SOSTENUTO jack.
The CHORUS lamp will light up, thus indicating that the pedal you just pressed is currently used for the SOSTENUTO effect.

*The lamp will indicate the pedal setting only as long as the TRANSPOSER/MIDI button is being pressed. As soon as this button is released, the lamp will again indicate the present setting of the CHORUS effect.

If you want to switch the pedal back to the SOFT effect, again press and hold down the TRANSPOSER/MIDI button, then step on the pedal. The CHORUS lamp will go out and the pedal will again control the SOFT effect.

*When power is turned on, the effect of this pedal is always automatically set to SOFT.



• TRANSPOSER

This feature allows you to change the key of the entire instrument in degrees of 1/2 steps.
To raise the key: Hold the TRANSPOSER button and press one of the keys between C♯6 and F6.
To lower the key: Hold the TRANSPOSER button and press one of the keys between F♯5 and B5.

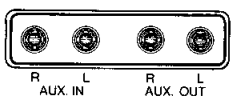
*When the power is turned off, the instrument will automatically be returned to the normal key.

• Pitch Control

This feature allows you to fine tune the pitch of the whole instrument.
To raise the pitch: Hold the lowest and the second lowest white keys and repeatedly strike any of the keys between C3 and B3. The pitch will rise about 3 cents each time.
To lower the pitch: Hold the lowest white and black keys and repeatedly strike any of the keys between C3 and B3.
The pitch will lower about 3 cents each time.

*When the power is turned off, the instrument will automatically be returned to normal pitch (A3 = 440Hz).

ACCESSORY JACKS



• HEADPHONES jack

This jack is used for connecting a pair of stereo headphones (optional). When the headphones are connected, no sound will be produced from the Clavinova's speakers. This allows you the freedom of playing your instrument at any time without disturbing others.

• AUX.OUT L-R jacks

These jacks can be used to connect your Clavinova to an amplifier or another speaker system. Also, by connecting the Clavinova to the LINE IN jacks of a tape deck, you can record music produced by the Clavinova.

• AUX.IN L-R jacks

You can use these jacks to play an external audio source (tape recorder, Portable Keyboard, etc.) through the Clavinova's speakers while you are performing. Simply plug a connector cord into these jacks and the LINE OUT/AUX.OUT jacks of your tape deck, stereo or additional keyboard. The external source must have its own volume level control. Never connect it to an AC power line or to a speaker-level output.

• MIDI OUT/IN connectors

The MIDI (Musical Instrument Digital Interface) terminals conform to the MIDI standard for digital electronic instruments. These jacks enable you to connect your Clavinova to a computer or other MIDI compatible electronic instruments for data communication.

TAKING CARE OF YOUR CLAVINOVA

Always treat your Clavinova with the same care you would give to any fine musical instrument. To ensure that your Clavinova always looks and sounds its best, we suggest the following procedures.

1. Do not repeatedly turn on and off in a short time. If this is done, the unit may not work properly.
2. Never touch the internal parts.
3. Always turn the power switch OFF after playing, and place the dust cover on the instrument.
4. Clean the cabinet and keys of your Clavinova with a slightly dampened cloth using only a neutral cleanser. Do not use abrasive cleaners, waxes, solvents, or chemical dust cloths which may dull the keys or chemically damage the finish.
5. Never put any vinyl products on your Clavinova since its external coating reacts chemically to vinyl.
6. To protect the cabinet finish and joints, install your Clavinova away from direct sunlight, excess humidity and heat.
7. Do not hit or scratch the cabinet with hard objects.

IMPORTANT ADVICE

What to do if ...

1) The unit is not activated when the power is turned on. Check the following:

Is the AC plug fully connected to a wall power outlet? Check it again to make sure. Is power supplied from the outlet? If the outlet is live, but the Clavinova does not work, unplug the cord and contact your Yamaha Clavinova dealer.

2) The Clavinova reproduces radio or TV signals.

This can occur if there is a powerful transmitter such as a radio station located in your vicinity. Contact your Yamaha Clavinova dealer.

3) Occasional unpleasant static occurs.

In the majority of such cases, the cause can be traced to the turning on or off of some household appliance.

4) The Clavinova interferes with radio or TV reception.

The high frequency pulses used by the Clavinova may adversely affect TV or radio reception. Please read "FCC INFORMATION" (page 16) for additional information.

5) The sound of the Clavinova is distorted when connected to an auxiliary speaker system.

When connected to an auxiliary speaker system, (home stereo, guitar amplifier, etc.) distortion may occur when the keys are played forcefully while either the volume of the Clavinova or its auxiliary system is too high. In addition, damage to the speakers could result. Please turn the volume down to a level where no distortion occurs.

HOW TO USE MIDI

The MIDI Function of Clavinova

What MIDI can do:

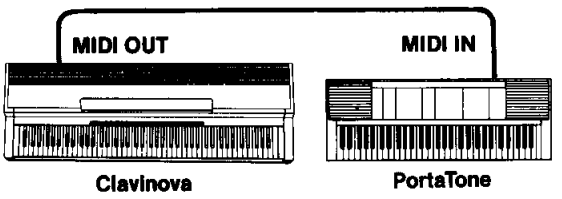
- Transmission/recognition of key on/off data.
- Transmission/recognition of panel voice numbers.
- Transmission/recognition of control for DAMPER and SOFT/SOSTENUTO.

Clavinova Connection With Other MIDI Instruments

In the following section you will see how you can actually connect your Clavinova with other MIDI instruments.

■ **Playing the Clavinova in ensemble with other keyboards**

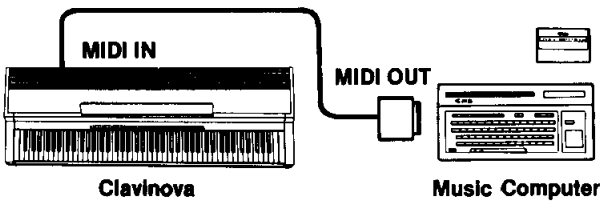
(Example: connected with the PortaTone)



As shown in the illustration above, when the MIDI OUT on the Clavinova is connected to the MIDI IN on the PortaTone it is possible to produce sound from the PortaTone while playing just the Clavinova. In other words, the information produced by pressing the Clavinova keyboard is instantaneously transmitted to the PortaTone, producing a richer sound. It is also possible to utilize different voices on each instrument. For example, it is possible to combine a piano voice on the Clavinova with the strings voice on the PortaTone so that a solo performer can give a performance similar to a piano concerto. This is just one of the many possible combinations. You can also connect the MIDI OUT terminal of the PortaTone to the MIDI IN terminal of the Clavinova and play from the PortaTone keyboard.

■ **Playing the Clavinova With a Music Computer**

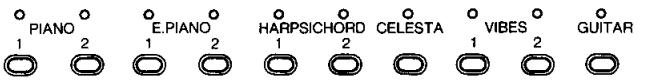
You can get further pleasure from your Clavinova by playing it with a personal computer instead of playing the keys yourself. Whether you use a music software package or program your own software, the Clavinova can be played automatically. In this case, the voices can be freely selected on the control panel to match the mood of the music.



Controlling the MIDI Function

A) With the Power on

- The receiving channel is set to CH 1. However, any channel can be received with OMNI ON. (When the power is turned on, it is automatically set to OMNI ON.)
- Program change is acceptable. (Condition for sending and receiving voice number.)
- The Control Change is the state for sending and receiving control signals for the DAMPER and SOFT/SOSTENUTO.



B) Setting transmission channel number:

While pressing the TRANSPOSER/MIDI button, press one of the keys between C_1 and $D\sharp_2$ to set the channel number (see illustration below).

C) Switching to OMNI OFF and setting reception channel:

While pressing the TRANSPOSER/MIDI button, press the PIANO 1 button and switch to OMNI OFF. If the button is pressed again, it will be turned ON. Next, while pressing the TRANSPOSER/MIDI button, press one of the keys between C_3 and $D\sharp_4$ to set the channel number (see illustration below).

D) Switching to Local Off:

While pressing the TRANSPOSER/MIDI button, press the PIANO 2 button. If the button is pressed again, it will be turned ON.

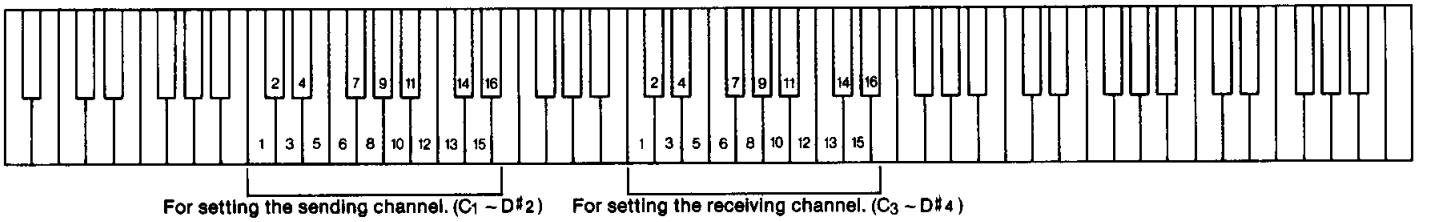
E) Cancelling Program Change (To cancel the transmission of the information to change the voice):

While keeping the TRANSPOSER/MIDI button, depressed, press the E. PIANO 1 button. If the button is pressed again, it will be activated.

F) Cancelling Control Change (To cancel the transmission of the information to control the DAMPER and SOFT/SOSTENUTE pedals):

While pressing the TRANSPOSER/MIDI button, press the E. PIANO 2 button. If the button is pressed again, it will be activated.

IMPORTANT NOTICE: MIDI instruments and equipment have slightly differing specifications. Refer to the respective MIDI Implementation Charts to determine what is and what is not possible. The MIDI Implementation Chart for your Clavinova is on the final page of this manual.



Specifications
Technische Daten
Spécifications
Especificaciones

*Specifications subject to change without notice.
*Änderungen ohne Vorankündigung vorbehalten.
*Sous toute réserve de modification des caractéristiques sans préavis.
*Especificaciones sujetas a cambio sin previo aviso.

	CLP-500
KEYBOARD	88 KEYS (A_{-1} ~ G_7)
VOICE SELECTOS	PIANO 1·2, E. PIANO 1·2, HARPSICHORD 1·2, CELESTA, VIBES 1·2, GUITAR
EFFECT	BRILLIANCE, TREMOLO, ENSEMBLE, CHORUS
PEDAL CONTROL	DAMPER, SOFT, SOSTENUTO
OTHER CONTROLS	MASTER VOLUME, TRANSPOSER/MIDI, PITCH, POWER SWITCH
JACKS·CONNECTORS	HEADPHONES, AUX. OUT L-R, AUX. IN L-R, MIDI IN-OUT
MAIN AMPLIFIERS	30W × 2
SPEAKERS	Cone Woofer 20 cm (8") × 2, Domo Tweeter 1.5 cm (3/5") × 2 Dome Squawker 2.5 cm (1") × 2, Monitor 12 cm (4-3/4") × 2
DIMENSIONS	Width : 137.4 cm (54-1/5") Depth : 46.8 cm (18-2/5") Height : 78.5 cm (31")
WEIGHT	73 kg

FCC INFORMATION (USA)

While the following statements are provided to comply with FCC Regulations in the United States, the corrective measures listed are applicable worldwide.

This series of Yamaha Clavinova uses frequencies that appear in the radio frequency range, and if installed in the immediate proximity of some types of audio or video devices within three meters (approximately ten feet), interference may occur.

This series of Yamaha Clavinova has been type-tested and found to comply with the specifications set for a class B computer in accordance with those specifications listed in sub-part J, part 15 of the FCC rules. These rules are designed to provide a reasonable measure of protection against such interference. However, this does not guarantee that interference will not occur.

If your Clavinova should be suspected of causing interference with other electronic devices, verification can be made by turning your Clavinova off and on. If the interference continues when your Clavinova is off, the Clavinova is not the source of the interference. If your Clavinova does appear to be the source of the interference, you should try to correct the situation by using one or more of the following measures:

- Relocate either the Clavinova or the electronic device that is being affected by the interference.
- Utilize power outlets for the Clavinova and the device being affected that are on different branch (circuit breaker or fuse) circuits, or install a/c line filters.
- In the case of radio-TV interference, relocate the antenna or if the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact a Yamaha dealer for suggestions and/or corrective measures, if you can not locate a Yamaha dealer in your general area, please contact the Service Division, Yamaha Music Corporation, U.S.A., 6600 Orangethorpe Ave., Buena Park, CA 90620, U.S.A.

If for any reason, you should need additional information relating to radio or TV interference, you may find a booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve radio-TV Interference Problems." This booklet, Stock #004-000-00345-4, is available from the U.S. Government Printing Office, Washington D.C. 20402.

• This applies only to products distributed by YAMAHA Music Corp. U.S.A.

MIDI Implementation Chart

Version: 1.0

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	Channel 1	Channel 1	
	Changes	Channel 1 ~ 16	Channel 1 ~ 16	
Mode	Default	Mode 3	Mode 1	
	Messages	×	Omni, Poly/Mono	
	Altered	**********	×	
Note Number		21 ~ 108	21 ~ 108	
	True Voice	**********	21 ~ 108	
Velocity	Note ON	○ 90H, v=1 ~ 127	○ v=1 ~ 127	
	Note OFF	× 90H, v=0	×	
After Touch	Key's	×	×	
	Ch's	×	×	
Pitch Bender		×	×	
Control Change	64	○	○	Damper Pedal
	66	○	○	Sostenuto Pedal
	67	○	○	Soft Pedal
Program Change		0 ~ 4	0 ~ 127	
	True #	**********	0 ~ 4	
System Exclusive		×	×	
System Common	Song Pos	×	×	
	Song Sel	×	×	
	Tune	×	×	
System Real Time	Clock	×	×	
	Commands	×	×	
Aux Messages	Local ON/OFF	×	○	
	All Notes OFF	×	○	
	Active Sense	○	○	
	Reset	×	○	
Notes				

Mode 1: OMNI ON, POLY
Mode 2: OMNI ON, MONO
Mode 3: OMNI OFF, POLY
Mode 4: OMNI OFF, MONO

○: Yes
×: No

Wichtiger Hinweis für die Benutzung in der Bundesrepublik Deutschland.

Bescheinigung des Importeurs

Hiermit wird bescheinigt, daß der/die/das

Musikinstrument Typ: CLP-500

(Gerät, Typ, Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

VERFÜGUNG 1046/84

(Amtsblattverfügung)

funk-entstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Yamaha Europa GmbH

Name des Importeurs

YAMAHA

YAMAHA CORPORATION
P.O.Box 1, Hamamatsu, Japan

※ 806 KX40028 Printed in Japan